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IN THE CLAIMS

Please AMEND Claims 87, 106, 125, 153-161, 170, 187-189, and 202-206 as follows:

1.-86. (Cancelled)

5   87.   (Currently Amended) A first computerized device configured to place a telephone
call via a circuit switched telephone network to a second computerized device, comprising:

       a telephone subscriber interface adapted to be coupled to the circuit switched telephone
network;

       a computer readable medium that stores instructions;

10   a set of digital circuits that includes a processor, wherein the processor executes the
instructions to enable the set of digital circuits to cooperatively function to:

              cause a set of telephone dialing digits to be coupled via the telephone subscriber

              interface to the circuit switched telephone network to cause a circuit-switched telephone

              call to be placed to the second computerized device, and a telephone ringing signal

15   indication to be delivered by the telephone network to the second computerized device,

              wherein a circuit-switched telephone connection is established to couple into

              communication the first and second computerized devices;

              cause a data segment to be sent from the first computerized device to the second

              computerized device via the established circuit-switched telephone connection, wherein

20   the data segment comprises information used to set up a packet switched data connection

              between the first and second computerized devices; and

              cause data to be communicated from the first computerized device to the second

              computerized device utilizing the packet switched data connection;

              wherein the packet switched data connection is established via a packet switched

25   transmission path that is different than a circuit-switched transmission path over which the

       circuit-switched telephone connection is established, and wherein at least one of the

       computerized devices is a user computerized device with a user interface, and the packet

       switched data connection is used to carry application layer data for presentation to a user via the

       user interface.

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88.   (Previously Presented) The first computerized device of Claim 87, wherein the data segment comprises a set of tones automatically generated by the first computerized device, and wherein the tones are sent through the established circuit switched telephone connection.

89.   (Previously Presented) The first computerized device of Claim 87, wherein the

5   data segment comprises a set of touch tones entered by a user, and wherein the tones are transmitted through the circuit switched telephone connection.

90.   (Previously Presented) The first computerized device of Claim 87, further comprising a digital camera, and wherein the first computerized device is a smart telephone and the packet-switched data connection is used to transfer digital picture data captured by the digital

10   camera.

91.   (Previously Presented) The first computerized device of Claim 87, further comprising a digital video camera, and wherein the first computerized device is a smart telephone and the packet-switched data connection is used to transfer digital video data captured by the digital video camera.

15   92.   (Previously Presented) The first computerized device of Claim 87, further comprising a user input device and a graphical user interface, and wherein the first computerized device is a smart telephone and the packet-switched data connection is used to transfer real-time textual application sharing data.

93.   (Previously Presented) The first computerized device of Claim 87, wherein the

20   telephone subscriber interface comprises a voice channel of a wireless air interface, and both the circuit-switched telephone connection and the packet data connection are multiplexed for communication via the wireless air interface.

94.   (Previously Presented) The first computerized device of Claim 87, wherein the first computerized device implements a client-side application program communication protocol

25   and the second computerized device implements a server-side application program communication protocol.

95.   (Previously Presented) The first computerized device of Claim 87, wherein the first computerized device implements a server-side application program communication protocol and the second computerized device implements a client-side application program

30   communication protocol.

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96.   (Previously Presented) The first computerized device of Claim 87, wherein the telephone subscriber interface comprises a voice channel of a wireless air interface, and both the circuit-switched telephone connection and the packet data connection are multiplexed for communication via the wireless air interface.

5   97.   (Previously Presented) The first computerized device of Claim 87, wherein the data segment comprises a session layer address.

98.   (Previously Presented) The first computerized device of Claim 87, wherein the data segment comprises a transport layer address.

99.   (Previously Presented) The first computerized device of Claim 87, wherein the data segment comprises a network layer address.

100.   (Previously Presented) The first computerized device of Claim 87, wherein the data segment comprises an application layer address.

101.   (Previously Presented) The first computerized device of Claim 87, wherein the packet switched data connection comprises a TCP/IP stream socket established across the Internet.

102.   (Previously Presented) The first computerized device of Claim 87, wherein the data segment is a SYN segment in a TCP/IP connection setup sequence.

103.   (Previously Presented) The first computerized device of Claim 87, wherein the data segment is a SYN segment.

20   104.   (Previously Presented) The first computerized device of Claim 103, wherein the SYN segment comprises a packet switched network address defined in at least one protocol layer from the group consisting of the network layer, the transport layer, the session layer and the application layer.

105.   (Previously Presented) The first computerized device of Claim 87, wherein at least one of the first and second computerized devices is a smart telephone device.

106.   (Currently Amended) A second computerized device for use in a system where a first computerized device initiates a telephone call via a circuit switched telephone network to the second computerized device, comprising:

a telephone subscriber interface adapted to be coupled to the circuit switched telephone network;

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a computer readable medium that stores instructions;

a set of digital circuits that includes a processor, wherein the processor executes the instructions to enable the set of digital circuits to cooperatively function to:

detect at the telephone subscriber interface an incoming telephone call generated

5   in response to a set of telephone dialing digits coupled by the first computerized device to the circuit switched telephone network, wherein the incoming telephone call includes a telephone ringing signal;

responsive to the detection, cause the telephone subscriber interface to be placed into an off-hook state to establish a circuit switched telephone connection with the first

10   computerized device;

identify a data segment received at the telephone subscriber interface from the first computerized device via the established circuit switched telephone connection;

cause a packet switched data connection to be established with the first computerized device by using at least partially information contained in the data segment;

15   and

cause application layer data to be communicated between the first and second computerized devices via the packet switched data connection;

wherein the packet switched data connection is established via a packet switched transmission path that is different than a circuit-switched transmission path over which the

20   circuit-switched telephone connection is established, and wherein at least one of the first and second computerized devices is a user computerized device with a user interface, and the packet switched data connection is used to carry the application layer data for presentation to a user via the user interface.

107.   (Previously Presented) The second computerized device of Claim 106, wherein

25   the data segment comprises a set of tones automatically generated by the first computerized device, and wherein the tones are received by the second computerized device via the established circuit switched telephone connection.

108.   (Previously Presented) The second computerized device of Claim 106, wherein the data segment comprises a set of touch tones entered by a user at the first computerized device

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and the touch tones are received by the second computerized device via the circuit switched telephone connection.

109.   (Previously Presented) The second computerized device of Claim 106, further comprising a digital camera, and wherein the first computerized device is a smart telephone and

5   the packet-switched data connection is used to transfer digital picture data captured by the digital camera.

110.   (Previously Presented) The second computerized device of Claim 106, further comprising a digital video camera, and wherein the first computerized device is a smart telephone and the packet-switched data connection is used to transfer digital video data captured

10   by the digital video camera.

111.   (Previously Presented) The second computerized device of Claim 106, further comprising a user input device and a graphical user interface, and wherein the first computerized device is a smart telephone and the packet-switched data connection is used to transfer real-time textual application sharing data.

15   112.   (Previously Presented) The second computerized device of Claim 106, wherein the telephone subscriber interface comprises a voice channel of a wireless air interface, and wherein both the circuit-switched telephone connection and the packet data connection are multiplexed for communication via the wireless air interface.

113.   (Previously Presented) The second computerized device of Claim 106, wherein

20   the first computerized device implements a client-side application program communication protocol and the second computerized device implements a server-side application program communication protocol.

114.   (Previously Presented) The second computerized device of Claim 106, wherein the first computerized device implements a server-side application program communication

25   protocol and the second computerized device implements a client-side application program communication protocol.

115.   (Previously Presented) The second computerized device of Claim 106, wherein the telephone subscriber interface comprises a voice channel of a wireless air interface, and wherein both the circuit-switched telephone connection and the packet data connection are

30   multiplexed for communication via the wireless air interface.

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116.   (Previously Presented) The second computerized device of Claim 106, wherein the data segment comprises a session layer address.

117.   (Previously Presented) The second computerized device of Claim 106, wherein the data segment comprises a transport layer address.

5   118.   (Previously Presented) The second computerized device of Claim 106, wherein the data segment comprises a network layer address.

119.   (Previously Presented) The second computerized device of Claim 106, wherein the data segment comprises an application layer address.

120.   (Previously Presented) The second computerized device of Claim 106, wherein

10   the packet switched data connection comprises a TCP/IP stream socket established across the Internet.

121.   (Previously Presented) The second computerized device of Claim 106, wherein the data segment is a SYN segment in a TCP/IP connection setup sequence.

122.   (Previously Presented) The second computerized device of Claim 106, wherein

15   the data segment is a SYN segment.

123.   (Previously Presented) The second computerized device of Claim 122, wherein the SYN segment comprises a packet switched network address defined in at least one protocol layer from the group consisting of the network layer, the transport layer, the session layer and the application layer.

20   124.   (Previously Presented) The second computerized device of Claim 106, wherein at least one of the first and second computerized devices is a smart telephone device.

125.   (Currently Amended) A computerized system comprising:

a computer readable medium that stores instructions;

a set of digital circuits that includes a processor, wherein the processor executes the

25   instructions to enable the set of digital circuits to cooperatively function to:

cause a set of telephone number dialing digits to be coupled at least indirectly to a public-switched telephone network, wherein the set of telephone number dialing digits identify a recipient telephony subscriber endpoint device, and wherein the public switched telephone network is characterized in that it determines a route for an outgoing

30   communication to follow in order for the outgoing communication follows a route at least

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partially through the telephone network ~~to be delivered~~ to the recipient telephony
subscriber endpoint device based upon the telephone number dialing digits;

cause a data segment to be sent as a part of the outgoing communication to the
recipient telephony subscriber endpoint device, wherein the data segment contains at least
5   a packet switched network address that can be used by the recipient telephony subscriber
endpoint device to establish ~~the~~ a packet switched data connection, wherein once the
packet switched data connection is established, the packet switched data connection is at
least indirectly coupled to an application layer program in the recipient telephony
subscriber endpoint device; and

10   cause a data packet to be sent ~~from~~ to the recipient telephony subscriber endpoint
device via the packet switched data connection;

wherein the packet switched data connection is established via a packet switched
transmission path that is different than the route followed by the outgoing communication
through ~~the public switched~~ telephone network to the recipient telephony subscriber endpoint
15   device based upon the set of telephone number dialing digits.

126.   (Previously Presented) The computerized system of Claim 125, wherein the
packet switched data connection is a session layer packet switched data connection and the data
packet sent to the application layer program is an unsolicited data packet.

127.   (Previously Presented) The computerized system of Claim 126, wherein the
20   packet switched data connection uses an acknowledged packet protocol.

128.   (Previously Presented) The computerized system of Claim 127, wherein the
packet switched data connection comprises a TCP/IP stream socket connection.

129.   (Previously Presented) The computerized system of Claim 125, wherein the data
packet sent to the application layer program is an unsolicited data packet.

25   130.   (Previously Presented) The computerized system of Claim 125, wherein the
computerized system further comprises a telephony interface which is used to couple information
to the public switched telephone network.

131.   (Previously Presented) The computerized system of Claim 125, wherein the
recipient telephony subscriber endpoint device is a recipient wireless subscriber device, the
30   telephone number dialing digits correspond to the telephone number used to reach the recipient

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wireless subscriber device from the public switched telephone network, and the recipient wireless subscriber device is configured to receive both PSTN data packets and packet switched data packets via a multiplexed wireless path that couples the recipient wireless subscriber device to a multiplexed wireless infrastructure side equipment that couples to both the public switched

5   telephone network and a packet switched telephone network.

132.   (Previously Presented) The computerized system of Claim 131, wherein the data packet sent to the recipient wireless subscriber device carries application layer data that is coupled to a user via a user interface provided by the recipient wireless subscriber device.

133.   (Previously Presented) The computerized system of Claim 125, wherein the

10   outgoing communications path is a circuit switched voice band channel established in response to the recipient wireless subscriber device answering a telephone call.

134.   (Previously Presented) The computerized system of Claim 125, wherein the outgoing communications path is a PSTN datagram path that is routed based at least partially upon the telephone number dialing digits.

15   135.   (Previously Presented) The computerized system of Claim 125, wherein at least one of the functions of the set of digital circuits is triggered in response to a user input entered by a user into a user input device.

136.   (Previously Presented) The computerized system of Claim 125, wherein at least one of the functions of the set of digital circuits is triggered in response to a user input entered by

20   a user into a user input device in response to windowed information on a display device.

137.   (Previously Presented) The computerized system of Claim 125, wherein the data segment comprises a network layer address.

138.   (Previously Presented) The computerized system of Claim 125, wherein the data segment comprises a transport layer address.

25   139.   (Previously Presented) The computerized system of Claim 125, wherein the data segment comprises a session layer address.

140.   (Previously Presented) The computerized system of Claim 125, wherein the data segment comprises an application layer address.

141.   (Previously Presented) The computerized system of Claim 125, wherein the data

30   segment is a SYN segment.

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142.   (Previously Presented) The computerized system of Claim 141, wherein the SYN segment comprises the packet switched network address, and wherein the packet switched network address is defined in at least one protocol layer from the group consisting of the network layer, the transport layer, the session layer and the application layer.

5   143.   (Previously Presented) The computerized system of Claim 125, wherein the packet switched data connection is used to implement a client-server communication protocol whereby a client sends a request which is responded to by a server, and wherein the computerized system comprises the server.

144.   (Previously Presented) The computerized system of Claim 125, wherein the
10   packet switched data connection is used to push at least one unsolicited data packet to the recipient telephony subscriber endpoint device.

145.   (Previously Presented) The computerized system of Claim 125, wherein the packet switched data connection is used to push at least one unsolicited data packet to the recipient telephony subscriber endpoint device, and wherein the recipient telephony subscriber
15   endpoint device is a wireless device that couples to an infrastructure side equipment via a multiplexed wireless signal path.

146.   (Previously Presented) The computerized system of Claim 125, wherein the computerized system comprises a server, and wherein the server makes outbound circuit switched voice band calls.

20   147.   (Previously Presented) The computerized system of Claim 125, wherein the computerized system comprises a server, and wherein the server causes outbound PSTN datagrams to be routed to their destinations.

148.   (Previously Presented) The computerized system of Claim 125, wherein the computerized system is a smart telephone device.

25   149.   (Previously Presented) The computerized system of Claim 125, wherein at least one of the computerized system and the recipient telephony subscriber endpoint device is a smart telephone device.

150.   (Previously Presented) The computerized system of Claim 125, wherein the recipient telephony subscriber endpoint device is a smart telephone device that is at least
30   indirectly coupled to both the public switched telephone network and a packet switched network

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via a multiplexed subscriber line interface that comprises a voice telephony path and a DSL data
path carried on a single subscriber telephone line.

       151.   (Previously Presented) The computerized system of Claim 149, wherein the
recipient telephony subscriber endpoint device is a wireless subscriber smart telephone device

5 that is at least indirectly coupled to both the public switched telephone network and a packet
switched network via a multiplexed subscriber wireless interface that provides multiplexed
communication signal paths that respectively carry PSTN datagrams and data packets to be
routed by the packet switched network, and the data packet sent to the recipient wireless
subscriber device carries application layer data that is coupled to a user via a user interface

10 provided by the recipient wireless subscriber device.

       152.   (Previously Presented) The computerized system of Claim 151, wherein the
wireless subscriber smart telephone device is coupled via a wireless LAN to a remote handset
that is in local wireless communication with the wireless subscriber smart telephone, so that the
remote handset can communicate with the packet switched network via the multiplexed

15 subscriber wireless interface.

       153.   (Currently Amended)   The computerized system of Claim 151, wherein the
<u>processor executes the instructions to cause the</u> set of digital circuits ~~further cooperatively
function~~ to <u>further</u> cause an unsolicited data packet to be pushed to the wireless subscriber smart
telephone device via the packet switched data connection.

20   154.   (Currently Amended)   The computerized system of Claim 151, wherein the
<u>processor executes the instructions to cause the</u> set of digital circuits ~~further cooperatively
function~~ to <u>further</u> cause a digital picture to be sent to the wireless subscriber smart telephone
device via the packet switched data connection.

       155.   (Currently Amended)   The computerized system of Claim 151, wherein the

25 <u>processor executes the instructions to cause the</u> set of digital circuits ~~further cooperatively
function~~ to <u>further</u> cause at least one data packet containing digital video to be sent to the
wireless subscriber smart telephone device via the packet switched data connection.

       156.   (Currently Amended)   The computerized system of Claim 151, wherein the
<u>processor executes the instructions to cause the</u> set of digital circuits ~~further cooperatively

30 function~~ to <u>further</u> cause an unsolicited data packet to be pushed to the wireless subscriber smart

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telephone device via the packet switched data connection, and wherein the computerized system comprises a server side computerized system.

157.   (Currently Amended)   The computerized system of Claim 151, wherein the processor executes the instructions to cause the set of digital circuits further cooperatively
5 function to further cause a digital picture to be sent to the wireless subscriber smart telephone device via the packet switched data connection, and wherein the computerized system comprises a server side computerized system.

158.   (Currently Amended)   The computerized system of Claim 151, wherein the processor executes the instructions to cause the set of digital circuits further cooperatively
10 function to further cause at least one data packet containing digital video to be sent to the wireless subscriber smart telephone device via the packet switched data connection, and wherein the computerized system comprises a server side computerized system.

159.   (Currently Amended)   The computerized system of Claim 151, wherein the processor executes the instructions to cause the set of digital circuits further cooperatively
15 function to further cause at least one data packet containing at least a portion of a voice mail message to be sent to the wireless subscriber smart telephone device via the packet switched data connection and wherein the computerized system comprises a server side computerized system.

160.   (Currently Amended)   The computerized system of Claim 151, wherein the processor executes the instructions to cause the set of digital circuits further cooperatively
20 function to further cause at least one data packet containing at least a portion of message stored in a multimedia messaging server to be sent to the wireless subscriber smart telephone device via the packet switched data connection, and wherein the computerized system comprises a server side computerized system.

161.   (Currently Amended)   A wireless subscriber telephony endpoint device that
25 provides both a telephony connectivity and a packet data service connectivity by wirelessly coupling via a multiplexed wireless subscriber interface communication path to at least one wireless network access point that couples to separate telephony and packet switched networks network switching infrastructures, wherein the telephony network switching infrastructure characterized in that it uses telephone dialing digits to determine how information is to be routed
30 to identify subscriber telephony endpoints to which information is to be routed and the packet

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switched network ~~switching infrastructure characterized in that it~~ supports at least network and

transport communication protocol stack layers, ~~wherein~~ and ~~the packet switched network~~

~~switching infrastructure~~ uses packet header information associated with one or more of the

protocol stack layers to determine how a packet is to be routed to its destination, the wireless

5   subscriber telephony endpoint device comprising:

        a user interface capable of supporting user interactions;

        a multiplexed wireless air interface adapted to communicate with the at least one wireless

network access point, wherein the multiplexed wireless air interface supports both the telephony

connectivity and the packet data service connectivity;

10   a computer readable medium that stores instructions;

        a set of digital circuits that includes a processor, wherein the processor executes the

instructions to enable the set of digital circuits to cooperatively function to:

                cause an incoming communication to be detected, wherein the incoming

        communication is directed to the wireless subscriber telephony endpoint device based

15   upon a set of telephone number dialing digits designated at an initiating communications

        endpoint device, the telephone number dialing digits identify the wireless subscriber

        telephony endpoint device on a wireless telephony network, and the incoming

        communication is routed at least partially via a route through the telephony network;

        ~~switching infrastructure;~~

20   cause the incoming communication to be evaluated for the presence of a data

        segment, wherein the data segment contains at least an indication of a network address;

                cause the packet switched data connection to be established ~~by~~ using at least

        partially the indication the network address;

                cause a data packet to be received via the packet switched data connection; and

25   cause at least a portion of the data packet to be coupled to an application layer

        program;

        wherein the packet switched data connection is established via a packet switched

transmission path through the packet switched network ~~switching infrastructure~~, and wherein the

packet switched transmission path is different than the route through the telephony network

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~~switching infrastructure~~ followed by the incoming communication to the wireless subscriber
telephony endpoint device.

5
        162.   (Previously Presented) The wireless subscriber telephony endpoint device of
Claim 161, wherein the packet switched data connection is a session layer packet switched data
connection and the data packet coupled to the application layer program is an unsolicited data
packet.

        163.   (Previously Presented) The wireless subscriber telephony endpoint device of
Claim 162, wherein the packet switched data connection uses an acknowledged packet protocol.

        164.   (Previously Presented) The wireless subscriber telephony endpoint device of
10
Claim 163, wherein the packet switched data connection comprises a TCP/IP stream socket
connection.

        165.   (Previously Presented) The wireless subscriber telephony endpoint device of
Claim 161, wherein the data packet coupled to the application layer program is an unsolicited
data packet.

15
        166.   (Previously Presented) The wireless subscriber telephony endpoint device of
Claim 161, wherein the wireless subscriber telephony endpoint device further comprises a
telephony interface which is used to couple information to the public switched telephone
network.

        167.   (Previously Presented) The wireless subscriber telephony endpoint device of
20
Claim 161, wherein the wireless subscriber telephony endpoint device is a wireless subscriber
smart telephone device adapted to receive both PSTN data packets and packet switched data
packets via the multiplexed wireless subscriber interface communication path.

        168.   (Previously Presented) The wireless subscriber telephony endpoint device of
Claim 167, wherein the data packet carries application layer data to be coupled to a user via the
25
user interface.

        169.   (Previously Presented) The wireless subscriber telephony endpoint device of
Claim 161, wherein the set of digital circuits further cooperatively function to establish a circuit
switched voice band channel in response to the wireless subscriber telephony device answering
an incoming telephone call, and an outgoing communication issued by the wireless subscriber

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telephony endpoint device is routed through a communications path that includes the circuit switched voice band channel.

170.   (Currently Amended) The wireless subscriber telephony endpoint device of Claim 161, wherein ~~an outbound communications path used to route an outgoing~~ the incoming

5   communication ~~issued by the wireless subscriber telephony device through the public switched telephone network~~ is a PSTN datagram carried on a PSTN datagram path that is established based at least partially upon ~~a second~~ the set of telephone number dialing digits ~~identifying a callee~~.

171.   (Previously Presented) The wireless subscriber telephony endpoint device of

10   Claim 161, further comprising a user input device, and wherein at least one of the functions of the set of digital circuits is triggered in response to a user input entered by a user into the user input device.

172.   (Previously Presented) The wireless subscriber telephony endpoint device of Claim 161, further comprising a user input device and a display device, and wherein at least one

15   of the functions of the set of digital circuits is triggered in response to a user input entered by a user into the user input device in response to windowed information presented on the display device.

173.   (Previously Presented) The wireless subscriber telephony endpoint device of Claim 161, wherein the data segment comprises a network layer address.

20   174.   (Previously Presented) The wireless subscriber telephony endpoint device of Claim 161, wherein the data segment comprises a transport layer address.

175.   (Previously Presented) The wireless subscriber telephony endpoint device of Claim 161, wherein the data segment comprises a session layer address.

176.   (Previously Presented) The wireless subscriber telephony endpoint device of

25   Claim 161, wherein the data segment comprises an application layer address.

177.   (Previously Presented) The wireless subscriber telephony endpoint device of Claim 161, wherein the data segment is a SYN segment.

178.   (Previously Presented) The wireless subscriber telephony endpoint device of Claim 177, wherein the SYN segment includes a packet switched network address defined in at

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least one protocol layer from the group consisting of the network layer, the transport layer, the session layer and the application layer.

179.   (Previously Presented) The wireless subscriber telephony endpoint device of Claim 161, wherein the packet switched data connection is used to implement a client-server

5   communication protocol whereby a client sends a request which is responded to by a server, and the initiating communications endpoint device comprises the server.

180.   (Previously Presented) The wireless subscriber telephony endpoint device of Claim 161, wherein the packet switched data connection is used to push at least one unsolicited data packet to the wireless subscriber telephony endpoint device.

10   181.   (Previously Presented) The wireless subscriber telephony endpoint device of Claim 161, wherein the packet switched data connection is used to pull at least one solicited data packet to the wireless subscriber telephony endpoint device.

182.   (Previously Presented) The wireless subscriber telephony endpoint device of Claim 161, wherein the initiating communications endpoint device comprises a server, and

15   wherein the server makes outbound circuit switched voice band calls.

183.   (Previously Presented) The wireless subscriber telephony endpoint device of Claim 161, wherein the initiating communications endpoint device comprises a server, and wherein the server causes outbound PSTN datagrams to be routed to their destinations.

184.   (Previously Presented) The wireless subscriber telephony endpoint device of

20   Claim 161, wherein the initiating communications endpoint device is a smart telephone device.

185.   (Previously Presented) The wireless subscriber telephony endpoint device Claim 161, wherein the wireless subscriber telephony endpoint device is a wireless subscriber smart telephone device.

186.   (Previously Presented) The wireless subscriber telephony endpoint device of

25   Claim 185, wherein the wireless subscriber telephony endpoint device is coupled via a wireless LAN to a remote handset that is in local wireless communication with the wireless subscriber telephony endpoint device, so that the remote handset can communicate with a packet switched network via the multiplexed subscriber wireless interface communication path.

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        187.   (Currently Amended) The wireless subscriber telephony endpoint device of
Claim 185, wherein the <u>processor executes the instructions to cause the</u> set of digital circuits <u>to</u>
further cooperatively function to:

                cause to be processed an unsolicited data packet that was pushed to the wireless
5   subscriber telephony endpoint device via the packet switched data connection.

        188.   (Currently Amended) The wireless subscriber telephony endpoint device of
Claim 185, wherein the <u>processor executes the instructions to cause the</u> set of digital circuits <u>to</u>
further cooperatively function to:

                cause a digital picture to be received at the wireless subscriber telephony endpoint
10   device via the packet switched data connection.

        189.   (Currently Amended) The wireless subscriber telephony endpoint device of
Claim 185, wherein the <u>processor executes the instructions to cause the</u> set of digital circuits <u>to</u>
further cooperatively function to:

        cause at least one data packet containing digital video to be sent from the wireless
15   subscriber telephony endpoint device via the packet switched data connection.

        190.   (Previously Presented) The wireless subscriber telephony endpoint device of
Claim 185, wherein the user interface enables World Wide Web (WWW) browsing.

        191.   (Previously Presented) The wireless subscriber telephony endpoint device of
Claim 185, further comprising a digital camera.

20   192.   (Previously Presented) The wireless subscriber telephony endpoint device of
Claim 185, further comprising a digital video camera.

        193.   (Previously Presented) The wireless subscriber telephony endpoint device of
Claim 185, further comprising a digital scanner.

        194.   (Previously Presented) The wireless subscriber telephony endpoint device of
25   Claim 185, wherein

the user interface comprises a graphical user interface that is configured to cause a screen to be
popped for real-time multimedia communication with the initiating communication endpoint
device.

        195.   (Previously Presented) The wireless subscriber telephony endpoint device of
30   Claim 185,

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wherein the user interface comprises a graphical user interface that is configured to cause
a screen to be popped for real-time multimedia communication with a peer communication
endpoint.

196.   (Previously Presented) The wireless subscriber telephony endpoint device of
5   Claim 185, further comprising an application sharing program that supports the transmission of a
digital picture from a local application program to a remote peer application program in a real-
time interactive multimedia communications session.

197.   (Previously Presented) The wireless subscriber telephony endpoint device of
Claim 185, further comprising an application sharing program that supports the transmission of
10   a digital video motion image from a local application program to a remote peer application
program in a real-time interactive multimedia communications session.

198.   (Previously Presented) The wireless subscriber telephony endpoint device of
Claim 196, wherein the application sharing program further is configured to support the
transmission of textual key strokes received by a local application program to be transmitted to a
15   remote peer application program for display in a window on a remote peer device.

199.   (Previously Presented) The wireless subscriber telephony endpoint device of
Claim 161, further comprising an application sharing program that supports the transmission of
textual key strokes received by a local application program via a real-time packet data
communications session to a remote peer application program for real-time display in a window
20   on a remote peer device.

200.   (Previously Presented) The wireless subscriber telephony endpoint device of
Claim 199, wherein a list of system users who are currently connected to the system with active
connections is maintained in a dynamic database operated by an infrastructure side computerized
system.

25   201.   (Previously Presented) The wireless subscriber telephony endpoint device of
Claim 200, wherein the respective local and remote peer applications pop a screen of information
onto respective display screens of the wireless subscriber telephony endpoint device and the
remote peer device, to enable respective users to interact in real time using key strokes and at
least one multimedia data source.

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202.   (Currently Amended) The wireless subscriber telephony endpoint device of
Claim 161, further comprising a digital camera, and wherein the processor executes the
instructions to cause the set of digital circuits to further ~~cooperatively function to~~ cause the
wireless subscriber telephony endpoint device to transfer digital picture data captured by the
5   digital camera via the packet switched data connection to a remote endpoint device.

203.   (Currently Amended) The wireless subscriber telephony endpoint device of
Claim 161, further comprising a digital video camera, and wherein the processor executes the
instructions to cause the set of digital circuits to further ~~cooperatively function to~~ cause the
wireless subscriber telephony endpoint device to transfer digital video data captured by the
10   digital video camera via the packet switched data connection to a remote endpoint device.

204.   (Currently Amended) The wireless subscriber telephony endpoint device of
Claim 161, further comprising a user input device, and wherein the user interface comprises a
graphical user interface, and wherein the processor executes the instructions to cause the set of
digital circuits ~~further cooperatively function~~ to further cause the wireless subscriber telephony
15   endpoint device to perform at least one of transmitting and receiving real-time textual application
sharing data via the packet switched data connection.

205.   (Currently Amended) The wireless subscriber telephony endpoint device of
Claim 161, wherein the processor executes the instructions to cause the set of digital circuits
~~further cooperatively function~~ to further cause at least one data packet containing at least a
20   portion of a voice mail message to be downloaded to the wireless subscriber telephony endpoint
device via the packet switched data connection.

206.   (Currently Amended) The wireless subscriber telephony endpoint device of
Claim 161, wherein the processor executes the instructions to cause the set of digital circuits
~~further cooperatively function~~ to further cause at least one data packet containing at least a
25   portion of message stored in a multimedia messaging server to be downloaded to the wireless
subscriber telephony endpoint device via the packet switched data connection.

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